

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
2 June 2005 (02.06.2005)

PCT

(10) International Publication Number
WO 2005/048743 A1

(51) International Patent Classification⁷: A23L 2/56, 2/02, 1/226, 1/221 Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP).

(21) International Application Number: PCT/JP2004/017524 (74) Agents: KANAO, Hiroki et al.; Mutsumi International Patent Bureau Chiyoda Office Bandai Bldg., 2nd Floor, 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 1010063 (JP).

(22) International Filing Date: 18 November 2004 (18.11.2004) (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(25) Filing Language: English (26) Publication Language: English (30) Priority Data: 2003-389758 19 November 2003 (19.11.2003) JP (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo, 1448721 (JP).

(72) Inventors; and (75) Inventors/Applicants (for US only): SHIMIZU, Toru [JP/JP]; c/o Takasago International Corporation Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP). SHIGETA, Yoshinari [JP/JP]; c/o Takasago International Corporation Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-shi, Kanagawa 2540073 (JP). KUNIEDA, Satomi [JP/JP]; c/o Takasago International Corporation Central

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: FOOD PRODUCTS CONTAINING A FRUIT COMPONENT

(57) Abstract: A fruit juice-containing food product containing following components (a) and (b) in addition to a fruit component and a base having sweetness; and a method for reinforcing a flavor of a fruit juice-containing food product. (a) one or more refreshing feeling substances selected from the group consisting of menthol, menthone, camphor, pulegol, isopulegol, pulegone, cineol, mint oil, peppermint oil, spearmint oil, eucalyptus oil, and fractions thereof. (b) one or more cool feeling substances selected from the group consisting of 3-l-menthoxypropane-1,2-diol, N-ethyl-p-menthane-3-carboxamide, 3-l-menthoxy-2-methylpropane-1,2-diol, p-menthane-3,8-diol, 2-l-menthoxyethane-1-ol, 3-l-menthoxypropane-1-ol, 4-l-menthoxybutane-1-ol, cyclic carboxamides, acyclic carboxamides, N,2,3-trimethyl-2-isopropyl butanamide, a menthoxy alkanol (alkyl group having 2 to 6 carbons), a menthoxy alkyl ether (alkyl group having 1 to 6 carbons), and a menthoxy alkanediol (alkyl group having 3 to 6 carbons).

WO 2005/048743 A1